

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B	This return/report is: ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information		
1a	Name of plan VALVOLUME 401(K) PLAN	1b	Three-digit plan number (PN) ▶ 002
1c	Effective date of plan 01/01/2017		
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) VALVOLUME INC. 100 VALVOLUME WAY LEXINGTON, KY 40509	2b	Employer Identification Number (EIN) 30-0939371
2c	Plan Sponsor's telephone number 859-357-7777		
2d	Business code (see instructions) 325600		

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/12/2023	EIVIND KOLEMAINEN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 12334
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 9763
a(2) Total number of active participants at the end of the plan year		6a(2) 11540
b Retired or separated participants receiving benefits		6b 13
c Other retired or separated participants entitled to future benefits.....		6c 2874
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 14427
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 15
f Total. Add lines 6d and 6e		6f 14442
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 6343
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2T 2R		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan VALVOLINE 401(K) PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 VALVOLINE INC.	D Employer Identification Number (EIN) 30-0939371	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL
04-2647786

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
37 64 65 71	RECORDKEEPER	602782	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

AON HEWITT INVESTMENT CONSULTING,

36-3109431

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	INVESTMENT ADVISOR	287656	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN AMCAP FUND CLASS F1 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN BEACON GL EV FRT MRKT INC 220 E LAS COLINAS BLVD STE 1200 IRVING, TX 75039	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN FUNDS MORTGAGE CL F1 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
ASHMORE EMERGING MKT CORPORATE DEB 801 S. CANAL ST CHICAGO, IL 60607	0.08%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BLACKROCK INCOME FUND INVESTOR A 40 EAST 52ND ST NEW YORK, NY 10022	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
WILLIAM BLAIR SMALL CAP GROWTH CLA 222 WEST ADAMS ST 12TH FL CHICAGO, IL 60606	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
CALAMOS MARKET NEUTRAL INCOME CL I 2020 CALAMOS COURT NAPERVILLE, IL 60563	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
CALAMOS PHINEUS LONG /SHORT CL I 2020 CALAMOS COURT NAPERVILLE, IL 60563	0.08%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
DIAMOND HILL SMALL MID CAP FD I 325 JOHN H MCCONNELL BLVD STE 200 COLUMBUS, OH 43215	0.15%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
DIAMOND HILL LARGE CAP FUND CLASS 325 JOHN H MCCONNELL BLVD STE 200 COLUMBUS, OH 43215	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
EATON VANCE FLOATING RATE HI INCOM TWO INTERNATIONAL PLACE BOSTON, MA 02110	\$16.00	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
EATON VANCE FLOATINGRATE ADVANTAGE TWO INTERNATIONAL PLACE BOSTON, MA 02110	\$16.00	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
FEDERATED HERMES INSTL HIGH YLD BD 4000 ERICSSON DR WARRENDALE, PA 15086-7515	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
FIRST EAGLE SMALL CAP OPPORTUNITY 1345 AVE OF THE AMERICAS 48TH FLR NEW YORK, NY 10105	0.08%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
FIRST EAGLE GLOBAL CLASS I 1345 AVE OF THE AMERICAS 48TH FLR NEW YORK, NY 10105	0.15%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
FRANKLIN EQUITY INCOME FUND A 100 FOUNTAIN PARKWAY ST. PETERSBURG, FL 33716	\$16.00	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN FUNDAMENTALINVESTORS CL F 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
GOLDMAN SACHS RISING DIVIDEND GROW 71 S. WACKER DR 4TH FL CHICAGO, IL 60606	0.12%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
HARTFORD CORE EQUITYCLASS A 100 MATSONFORD RD STE 300 RADNOR, PA 19087	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
THE HARTFORD FLOAT RATE FD CL I 100 MATSONFORD RD STE 300 RADNOR, PA 19087	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
JPMORGAN US EQUITY FUND CLASS A 1111 POLARIS PARKWAY COLUMBUS, OH 43240	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
JPMORGAN MID CAP EQUITY FUND CLASS 1111 POLARIS PARKWAY COLUMBUS, OH 43240	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
LOOMIS SAYLES INVST GRADE BOND CL 399 BOYLSTON ST 8TH FL BOSTON, MA 02116	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
LOOMIS SAYLES BOND INSTL 399 BOYLSTON ST 8TH FL BOSTON, MA 02116	0.20%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MFS EMERGING MARKETS EQUITY CL A 111 HUNTINGTON AVE BOSTON, MA 02199-7632	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MFS INTERNATIONAL NEW DISCOVERY CL 111 HUNTINGTON AVE BOSTON, MA 02199-7632	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MATTHEWS CHINA FUND 4 EMBARCADERO CENTER STE 550 SAN FRANCISCO, CA 94111	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MATTHEWS ASIA GROWTH INST'L 4 EMBARCADERO CENTER STE 550 SAN FRANCISCO, CA 94111	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MERGER FUND CLASS A 100 SUMMIT LAKE DR 201 GREENFIELD, MA 01301	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MORGAN STANLEY GROWTH PORTFOLIO A 522 FIFTH AVE 4TH FL NEW YORK, NY 10036	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
LOOMIS SAYLES STRATEGIC ALPHA Y 399 BOYLSTON ST 8TH FL BOSTON, MA 02116	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN NEW ECONOMYCLASS F1 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN NEW PERSPECTIVE CLASS F1 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
HCM INCOME PLUS FUNDINVESTOR 1145 HEMBREE ROAD ROSWELL, GA 30076	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
HCM DIVIDEND SECTOR PLUS FUND INVE 1145 HEMBREE ROAD ROSWELL, GA 30076	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
HCM TACTICAL GROWTH FUND INVESTOR 1145 HEMBREE ROAD ROSWELL, GA 30076	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG BNY MELLON DIVERSIFIER STRAT R 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG MEEDER TACTICAL STRATEGY FUND 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG JP MORGAN TACTICMODERATE STRAT 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG ACTIVE CORE BOND STRATEGY FUND 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG JANUS HENDERSON BALANCED STRAT 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG TACTICAL INCOME STRATEGY CL R 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG EQUITY INDEX FOCUSED STRATEGY 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG SECTOR EQUITY BUS CYCLE STRAT 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PFG BR EQUITY ESG STRATEGY CL R 777 108TH AVE NE STE 2100 BELLEVUE, WA 98004	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
NUVEEN PREFERRED SECS AND INC CL A 333 WEST WACKER DR CHICAGO, IL 60606	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
OBERWEIS GLOBAL OPPORTUNITIES INV 3333 WARRENVILLE RD STE. 500 LISLE, IL 60532	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PARNASSUS CORE EQUITY INVESTOR 1 MARKET ST STEUART TOWER STE 1600 SAN FRANCISCO, CA 94105	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PAYDEN HIGH INCOME INVESTOR CLASS 333 S GRAND AVE 32ND FL LOS ANGELES, CA 90071	0.38%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PIMCO INCOME FUND CL A 1633 BROADWAY NEW YORK, NY 10019	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PIMCO PREFERRED AND CAPITAL SECS C 1633 BROADWAY NEW YORK, NY 10019	0.40%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PRINCIPAL SPECTRUM PREF CAPT SEC I 620 COOLIDGE DR STE 300 FOLSOM, CA 95630	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PGIM TOTAL RETURN BOND CL Z 655 BROAD ST NEWARK, NJ 07102	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T ROWE PRICE DIVIDEND GROWTH 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T ROWE PRICE BLUE CHIP GROWTH INC 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T ROWE PRICE EMERG MRKTS CORP BD I 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
T ROWE PRICE GLOBAL STOCK 4515 PAINTERS MILL RD OWINGS MILLS, MD 21117	0.15%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
ROYCE SMALLER CO GROWTH SERVICE CL 745 FIFTH AVE STE 2400 NEW YORK, NY 10151	0.40%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
SEGALL BRYANT HAMILL PLUS BOND INS 370 17TH ST STE 5000 DENVER, CO 80202	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
AMERICAN SMALLCAP WORLD CLASS F1 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
TEMPLETON GLOBAL TOTAL RETURN CL A 100 FOUNTAIN PARKWAY ST. PETERSBURG, FL 33716	\$16.00	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
THORNBURG INTL EQUITY FUND CL I 2300 NORTH RIDGETOP RD SANTA FE, NM 87506	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
VAN ECK INTERNATN'L INVESTORS GOLD 666 3RD AVE 9TH FL NEW YORK, NY 10017	0.38%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
VERSUS CAPITAL MULTI MNGR REAL EST 5555 DTC PARKWAY STE 330 GREENWOOD VILLAGE, CO 80111	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
WASATCH GLOBAL OPPORTUNITIES INSTL 505 WAKARA WAY STE 300 SALT LAKE CITY, UT 84108	0.10%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
WASATCH SMALL CAP VALUE INSTITUTIO 505 WAKARA WAY STE 300 SALT LAKE CITY, UT 84108	0.10%	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
AMERICAN WASHINGTON MUTUAL INVESTO 3500 WISEMAN BLVD SAN ANTONIO, TX 78251-4321	0.37%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
CBOE VEST S&P 500 DIV ARISTO TGT I 8730 STONY POINT PKWY STE 205 RICHMOND, VA 23235	0.10%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan VALVOLINE 401(K) PLAN	B Three-digit plan number (PN) ►	002
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 VALVOLINE INC.	D Employer Identification Number (EIN) 30-0939371	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA GLB EQ EX US A			
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS			
c EIN-PN 81-4483485-016	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2877744	
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA S&P 500 INDEX A			
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS			
c EIN-PN 81-4483485-097	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 29018954	
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA US BOND INDEX A			
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS			
c EIN-PN 81-4483485-177	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3030130	
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA RSL SM MD CP A			
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS			
c EIN-PN 81-4483485-453	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 11154006	
a Name of MTIA, CCT, PSA, or 103-12 IE: PIMCO STABLE INC 1			
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY			
c EIN-PN 45-4367155-036	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 12054741	
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2020 RET I			
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC			
c EIN-PN 37-6543784-026	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6393453	
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2040 RET I			
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC			
c EIN-PN 37-6543784-030	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 13363869	

a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2045 RET I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-031	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 12981523
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2055 RET I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-033	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 9935012
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INCOME STRAT I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-010	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 317771
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2025 RET I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-027	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14950165
a Name of MTIA, CCT, PSA, or 103-12 IE: AON GROWTH STRAT I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-009	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 255219
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INFLATION STR I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-011	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1104595
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2015 RET I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-025	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 973113
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2060 RET I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-035	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 12096740
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2030 RET I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-028	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16666413
a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX RET INC I		
b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC		
c EIN-PN 37-6543784-023	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 883659

a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2035 RET I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-029	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10788889
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON INDEX 2050 RET I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-032	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14079045
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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Part II **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>VALVOLINE 401(K) PLAN</u>	B Three-digit plan number (PN) ►	<u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>VALVOLINE INC.</u>	D Employer Identification Number (EIN) <u>30-0939371</u>	

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a	31192	44384
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	320554	286129
(2) Participant contributions.....	1b(2)	363966	316039
(3) Other.....	1b(3)	202509	93726
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	6601456	3058067
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common.....	1c(4)(B)	49112	0
(5) Partnership/joint venture interests.....	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants).....	1c(7)	0	0
(8) Participant loans.....	1c(8)	5152766	3227400
(9) Value of interest in common/collective trusts.....	1c(9)	410680992	172925041
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts.....	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	37298711	9550000
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	0	0
(15) Other	1c(15)	0	0

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	85969932	70324019
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	546671190	259824805

Liabilities

g Benefit claims payable	1g	58177	41692
h Operating payables	1h	6256	5486
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	139008	0
k Total liabilities (add all amounts in lines 1g through 1j)	1k	203441	47178

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	546467749	259777627
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income**a Contributions:**

		(a) Amount	(b) Total
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	21034955	
(B) Participants	2a(1)(B)	20818780	
(C) Others (including rollovers)	2a(1)(C)	3149209	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		45002944

b Earnings on investments:**(1) Interest:**

(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	75083	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	263060	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		338143

(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	1118579	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	217008	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1335587

(3) Rents	2b(3)		0
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(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	13735041	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	16626643	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		-2891602

(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	-7569146	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		-7569146

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-69843349
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-8611977
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		-42239400
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	43960328	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		43960328
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		-62376
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	10689	
(4) Other	2i(4)	879749	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		890438
j Total expenses. Add all expense amounts in column (b) and enter total	2j		44788390
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-87027790
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		199662332

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: BLUE & COMPANY LLC

(2) EIN: 35-1178661

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		X	
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.		X	
4n		X	

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)
VALVOLINE GLOBAL	88-2683316	001
ASHLAND HERCULES PENSION PLAN	61-1782197	001
ASHLAND HERCULES PENSION PLAN II	61-1782197	005

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan VALVOLINE 401(K) PLAN		B Three-digit plan number (PN) ► 002
C Plan sponsor's name as shown on line 2a of Form 5500 VALVOLINE INC.		D Employer Identification Number (EIN) 30-0939371
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 04-6568107		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....		☐ Yes ☐ No
11 a Does the ESOP hold any preferred stock?.....		☐ Yes ☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....		☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?.....		☐ Yes ☐ No
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
	a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a	
	b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
	c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
	b The corresponding number for the second preceding plan year.....	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐
19	If the total number of participants is 1,000 or more, complete lines (a) through (c) a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____% b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____
20	PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation _____

VALVOLINE 401(k) PLAN

FINANCIAL STATEMENTS

DECEMBER 31, 2022 AND 2021

Valvoline 401(k) Plan

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* Other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.

REPORT OF INDEPENDENT AUDITORS

To the Valvoline Retirement Committee
and Participants of the Valvoline 401(k) Plan
Lexington, Kentucky

Opinion

We have audited the financial statements of Valvoline 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in its net assets available for benefits for the year ended December 31, 2022, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgement made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgement and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.

- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgement, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter—Supplemental Schedule Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule of Schedule H, line 4i, - Schedule of Assets (Held at End of Year) as of December 31, 2022, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the DOL Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the DOL Rules and Regulations for Reporting and Disclosure under ERISA.

Blue & Co., LLC

Lexington, Kentucky
June 28, 2023

Valvoline 401(k) Plan

Statements of Net Assets Available for Benefits

	December 31	
	2022	2021
Assets		
Investments, at fair value	\$ 255,901,511	\$ 540,631,395
Receivables:		
Participant contributions	316,039	363,966
Employer contributions	286,129	320,554
Notes receivable from participants	3,594,062	5,581,804
Securities receivable	93,726	202,509
Total assets	260,191,467	547,100,228
Liabilities		
Securities payable	47,178	203,441
Total liabilities	47,178	203,441
Net assets available for benefits	\$ 260,144,289	\$ 546,896,787

The accompanying [Notes to Financial Statements](#) are an integral part of these Financial Statements.

Valvoline 401(k) Plan

Statement of Changes in Net Assets Available for Benefits

	Year ended December 31, 2022
Additions to net assets attributed to:	
<i>Contributions:</i>	
Participants	\$ 20,818,780
Employer	21,034,955
Rollover	3,149,209
Total contributions	45,002,944
<i>Interest and dividend income</i>	
	1,410,670
<i>Interest income on notes receivable from participants</i>	
	263,060
Total additions	46,676,674
Deductions from net assets attributed to:	
Net depreciation in fair value of investments	(88,916,074)
Benefits paid to participants	(43,960,328)
Administrative expenses	(890,438)
Total deductions	(133,766,840)
Transfers to other benefit plans:	
Transfers to Valvoline Global Operations 401(k) Plan	(197,145,837)
Transfers to U.S. qualified pension plans	(2,516,495)
Total transfers	(199,662,332)
Decrease in net assets	(286,752,498)
Net assets available for benefits	
Beginning of year	546,896,787
End of year	\$ 260,144,289

The accompanying [Notes to Financial Statements](#) are an integral part of these Financial Statements.

Valvoline 401(k) Plan

Notes to Financial Statements

NOTE 1 – DESCRIPTION OF THE PLAN

General

The Valvoline 401(k) Plan (the “Plan”) is a contributory, defined contribution plan established on January 1, 2017 available to substantially all U.S. employees of Valvoline LLC (“Valvoline” or the “Company”). Employees in designated eligible groups may immediately enroll in the Plan, regardless of the amount of Company service. The Plan is designed to qualify under sections 401(a), 401(k), and 401(m) of the Internal Revenue Code of 1986, as amended (“IRC”) and is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”).

Transfers to other benefit plans

Certain participants are given the option to transfer amounts from the Plan to the Company’s U.S. qualified pension plans once they meet retirement age. These transfers are presented in Transfers to U.S. qualified pension plans within the Statement of Changes in Net Assets Available for Benefits.

In July 2022, Valvoline entered into a definitive agreement to sell its Global Products business (“Global Products”). In anticipation of completing the sale, the Company established the Valvoline Global Operations 401(k) Plan for the benefit of Global Products employees that participated in Valvoline 401(k) Plan. In December 2022, applicable participant account balances and related assets with respect to these Global Products employees were transferred to and assumed by the Valvoline Global Operations 401(k) Plan, with the exception of investments in the Valvoline Common Stock Fund which remained in the Plan as of December 31, 2022. The transfers of participant account balances and related assets associated with Global Products employees that occurred during the year ended December 31, 2022 are presented in Transfers to Valvoline Global Operations 401(k) Plan within the Statement of Changes in Net Assets Available for Benefits.

Contributions and funding

All eligible employees of the Company may defer a portion of their eligible compensation by making contributions to the Plan. Participants may elect to contribute up to 65% of their eligible compensation, up to certain IRC limits. Annual contributions per participant for 2022 were limited to \$20,500.

After meeting a one-year minimum service requirement, certain hourly employees are entitled to employer matching equal to 100% of their employee contributions, up to a maximum of five percent of eligible compensation. As soon as administratively feasible after their date of hire, all other participants receive employer matching equal to 100% of their employee contributions, up to a maximum of four percent of eligible compensation. In addition, Valvoline contributes another four percent of eligible compensation as a basic retirement contribution to certain eligible employees.

The Plan also allows eligible employees, aged 50 and older to elect to make additional catch-up contributions, subject to IRC limits. Catch-up contribution amounts are not eligible for employer matching contributions. The annual limit on catch-up contributions was \$6,500 in 2022.

Participants may direct their contributions and employer contributions, which include employer matching and basic retirement contributions, among various investment options, including market index funds, collective trusts, a Company stock fund, money market funds, and self-directed brokerage accounts.

Vesting

Participants are immediately fully vested in employee and employer contributions plus actual earnings on these contributions, and upon termination of employment, participants are entitled to full distributions of these amounts.

Participant accounts

Employee and employer contributions are credited to the participant's account. Investment fund returns are allocated to participant accounts based on the participant's account balance and the earnings or losses generated by the fund during the period it was owned by the participant. A participant is entitled to the participant's account balance including allocated returns.

Employee Stock Ownership Plan

Under the terms of the Plan, the Valvoline Common Stock Fund is an employee stock ownership plan in accordance with IRC Section 4975(e)(7). Participants have the option to receive dividends on their shares of stock held in the Valvoline Common Stock Fund distributed in cash or reinvested within the Valvoline Common Stock Fund.

Notes receivable from participants

Participants may hold one loan effective January 1, 2018 and were permitted to hold up to two loans at any one time in periods prior to this date. Participants may borrow up to a maximum of \$50,000 or 50% of their account balance, whichever is less, reduced by the difference between the highest outstanding loan balance during the twelve months prior to the loan origination and the actual balance on the date of the loan origination. Participant loans are collateralized by the balance in the participant's account and bear a monthly fixed interest rate based on the prime rate in effect on the last business day of the month prior to loan origination plus 1%. Annual interest rates on notes receivable outstanding as of December 31, 2022 range from 4.25% to 9.25%. The term of the loans may be up to five years; however, participants may make early payments, and there are certain loans which were transferred into the Plan under the terms of other benefit plans that continue to be repaid according to the terms of those original loans.

A loan origination fee and annual maintenance fees are deducted from the participant's account. Principal and interest are paid ratably over the term of the loan and are allocated to the investment funds elected for current contributions. The notes receivable balance represents the unpaid principal balance plus accrued but unpaid interest.

Withdrawals and payments of benefits

There are certain restrictions on a participant's right to withdraw contributions and any returns thereon while actively employed by Valvoline based on the source and use of the funds and the participant's age. Participants may withdraw their account balances upon reaching the age of 59½ or upon termination of employment. Upon termination of employment, a participant will receive a lump-sum distribution equal to the value of the participant's account if it is equal to or less than \$1,000 (unless the participant chooses a direct rollover within 30 days). A terminated participant with an account value of more than \$1,000 may elect to receive a direct rollover to another tax-qualified plan or individual retirement account, a lump-sum payment, periodic installment payments, or the participant may leave the benefits within the Plan until the participant reaches the Plan's retirement age. Upon the death of a participant, the participant's beneficiary shall be eligible to receive a distribution of the participant's account.

Plan termination

The Company currently has no plans to terminate the Plan; however, the Company reserves the right to terminate the Plan at any time, subject to the provisions set forth in ERISA.

Risks and uncertainties

The Plan provides for various investment options in securities. Investment securities are exposed to various risks, such as interest rate, market fluctuations and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in risks in the near term could materially affect the values of investment securities, participant account balances, and the amounts reported in the financial statements.

NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES

Basis of presentation

The financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (“U.S. GAAP”).

Use of estimates

The preparation of the financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Investment valuation and income recognition

The Plan’s investments are stated at fair value as disclosed in Note 3. Purchases and sales of securities are recorded on a trade-date basis. Interest is recorded on an accrual basis. Dividends are recorded on the ex-dividend date. The Plan presents net appreciation or depreciation in the fair value of investments within the Statement of Changes in Net Assets Available for Benefits, which consists of the realized and unrealized gains and losses on investments purchased, sold and held during the year.

Payment of benefits

Distributions of benefits are recorded when paid.

Rollover contributions

Participants may elect to rollover balances from other tax-qualified retirement plans into the Plan, which are included in the Rollover caption within contributions in the Statement of Changes in Net Assets Available for Benefits.

Administrative expenses

The costs and expenses of administering the Plan are shared by Valvoline and Plan participants, except loan origination and periodic account maintenance fees, which are paid by participants. Investment management fees are paid to the investment managers from their respective funds.

NOTE 3 – FAIR VALUE MEASUREMENTS

Fair value is the price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. As part of the framework for measuring fair value, the accounting guidance provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). An instrument’s categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the instrument’s fair value measurement. The three levels within the fair value hierarchy are described as follows:

Level 1 – Observable inputs such as unadjusted quoted prices in active markets for identical assets or liabilities.

Level 2 – Inputs, other than quoted prices included in Level 1, that are observable for the asset or liability, either directly or indirectly. These include quoted prices for similar assets or liabilities in active markets and quoted prices for identical or similar assets or liabilities in markets that are not active.

Level 3 – Unobservable inputs for the asset or liability for which there is little, if any, market activity at the measurement date.

The following table sets forth, by level within the fair value hierarchy, the Plan's investments that are measured at fair value as of December 31:

	2022		2021	
	Level 1	Total	Level 1	Total
Valvoline Common Stock Fund:				
Money market fund	\$ 660,481	\$ 660,481	\$ 840,179	\$ 840,179
Valvoline Inc. common stock	70,324,019	70,324,019	85,969,932	85,969,932
Self-directed brokerage accounts	11,991,970	11,991,970	43,140,292	43,140,292
Total assets in the fair value hierarchy	82,976,470	82,976,470	129,950,403	129,950,403
Collective trust funds ^(a)	—	172,925,041	—	410,680,992
Investments, at fair value	\$ 82,976,470	\$ 255,901,511	\$ 129,950,403	\$ 540,631,395

(a) Collective trust funds that are measured at fair value using the net asset value ("NAV") per share practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented as investments in the Statements of Net Assets Available for Benefits.

The following is a description of the valuation methodologies used for investments measured at fair value:

Valvoline Common Stock Fund

Certain assets of the Plan are invested in employer common stock through a unitized stock fund, which includes Valvoline Inc. common stock and investments in a money market fund for liquidity purposes. Valvoline Inc. common stock is valued based on the underlying shares held by the Plan at the closing quoted price from the active market in which the securities are traded. Money market funds trade in an active market and are valued using quoted market prices.

Self-directed brokerage accounts

Self-directed brokerage accounts allow participants to invest in a broad range of mutual funds and are valued using quoted market prices of the underlying investments in active markets. These accounts may also include uninvested cash recorded at carrying value, which approximates fair value.

Collective trust funds

Collective trust funds represent investments held in pooled funds that are valued based on the NAV provided by the funds as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund, less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust funds, a twelve month notice period for \$12,054,741 invested in the PIMCO Stable Value Fund would be required. There were no other significant redemption restrictions or unfunded commitments on these investments as of December 31, 2022.

NOTE 4 – TRANSACTIONS WITH PARTIES-IN-INTEREST

Related party transactions during the year included investments in Valvoline Inc. common stock and loans made to participants presented in Notes receivable from participants on the Statement of Net Assets Available for Benefits. The Plan held 2,153,875 and 2,305,442 shares of Valvoline Inc. common stock as of December 31, 2022 and 2021, respectively, which had a respective fair value of \$70,324,019 and \$85,969,932. During 2022, the Plan received cash dividends on Valvoline Inc. common stock of \$1,118,579.

Certain investments of the Plan were held in investment funds managed by Fidelity Management Trust Company ("Fidelity"), who also acts as the trustee and recordkeeper of the Plan. Fees of \$602,782 were paid by the Plan to Fidelity in 2022 for investment management.

Certain investments of the Plan were held in investment funds managed by Aon Investments USA, Inc. ("Aon"), who acts as the investment advisor to the Plan. Fees of \$287,656 were paid by the Plan to Aon for investment advice in 2022.

The Company also provides certain administrative and accounting services to the Plan for which it is not compensated.

None of these related party transactions are prohibited transactions as defined under ERISA.

NOTE 5 – RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31:

	2022	2021
Net assets available for benefits per financial statements	\$ 260,144,289	\$ 546,896,787
Less certain deemed distributions of participant loans	(366,662)	(429,038)
Net assets available for benefits per Form 5500	<u>\$ 259,777,627</u>	<u>\$ 546,467,749</u>

The following is a reconciliation of the net asset appreciation per the financial statements to the Form 5500 for the year ended December 31, 2022:

Decrease in net assets per the financial statements	\$ (286,752,498)
Less certain deemed distributions of participant loans and related interest	62,376
Total decrease in net assets per Form 5500	<u>\$ (286,690,122)</u>

NOTE 6 – TAX STATUS OF THE PLAN

The Plan received a favorable tax determination letter from the Internal Revenue Service ("IRS") dated August 1, 2018, which states that the Plan is qualified under IRC Section 401(a), and therefore, the related trust is exempt from federal income taxes. Although the Plan that the IRS reviewed in issuing its most recent determination letter was since amended, the Plan administrator believes that the Plan is designed and being operated in compliance with the applicable requirements of the IRC to maintain its qualified status. Accordingly, income taxes are not provided for in the accompanying financial statements.

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. Plan management has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits of the Plan for any tax periods in progress.

NOTE 7 – SUBSEQUENT EVENTS

Sale of Global Products

On January 1, 2023, the Valvoline Global Operations 401(k) Plan became active for employees of Global Products, and the Company completed its sale of the Global Products business on March 1, 2023. Effective upon completion of the sale, Global Products participants in the Plan that with investments in the Valvoline Common Stock Fund were considered terminated participants and had all withdrawal and benefit payment options available that are described in Note 1, including the option to retain the benefits within the Plan.

Modified "Dutch auction" tender offer

On June 13, 2023, Valvoline completed a modified "Dutch auction" tender offer (the "Offer") to acquire issued and outstanding shares of the Company's common stock. Participants in the Plan holding an investment in the Valvoline Common Stock Fund were eligible to participate in the Offer by directing the Plan's trustee as to the number of shares and prices at which to tender such shares. Based on a final purchase price of \$38.00 per share, the Plan's trustee did not tender any shares of the Company's common stock held in the Valvoline Common Stock Fund.

Valvoline 401(k) Plan				
Employer Identification Number 30-0939371				
Plan Number 002				
Schedule H; Line 4i - Schedule of Assets (Held at End of Year)				
December 31, 2022				
(a)	(b)	(c)	(d)	(e)
Identity of Issue		Description of Investment	Cost**	Current Value
Common Stock:				
* Valvoline Inc. Common Stock		Common Stock Fund		\$ 70,324,019
Self-Directed Brokerage Accounts:				
* Fidelity BrokerageLink		Self-Directed Brokerage Accounts		11,991,970
Collective Trust Funds:				
* Aon Inflation Strategy		Collective Investment Fund		1,104,595
* Aon Index Retirement Income		Collective Investment Fund		883,659
* Aon Index 2015		Collective Investment Fund		973,113
* Aon Index 2020		Collective Investment Fund		6,393,453
* Aon Index 2025		Collective Investment Fund		14,950,165
* Aon Index 2030		Collective Investment Fund		16,666,413
* Aon Index 2035		Collective Investment Fund		10,788,889
* Aon Index 2040		Collective Investment Fund		13,363,869
* Aon Index 2045		Collective Investment Fund		12,981,523
* Aon Index 2050		Collective Investment Fund		14,079,045
* Aon Index 2055		Collective Investment Fund		9,935,012
* Aon Index 2060		Collective Investment Fund		255,219
* Aon Growth Strategy		Collective Investment Fund		317,771
* Aon Income Strategy		Collective Investment Fund		12,096,740
PIMCO Stable Value Fund		Common Collective Trust		12,054,741
SSgA Global Equity ex US Index Fund		Common Collective Trust		2,877,744
SSgA Russell Small Mid Cap Index Fund		Common Collective Trust		11,154,006
SSgA S&P 500 Index Fund		Common Collective Trust		29,018,954
SSgA US Bond Index Fund		Common Collective Trust		3,030,130
Total Common Collective and Investment Trusts				172,925,041
Money Market Funds:				
* Fidelity Management Trust Company Institutional Cash Portfolio		Money Market Fund		660,481
				\$ 255,901,511
* Notes receivable from participants		1-6 Years, interest 4.25% - 9.25%	\$ —	\$ 3,594,062

* Indicates parties-in-interest to the Plan

** Cost information is not required for participant-directed investments, and therefore, is not presented

SIGNATURE

THE PLAN. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

VALVOLINE 401(k) PLAN

Date: June 28, 2023

/s/ Eivind Kolemäinen

Chair of the Valvoline Retirement Committee

VALVOLUME 401(k) PLAN

FINANCIAL STATEMENTS

DECEMBER 31, 2022 AND 2021

Valvoline 401(k) Plan

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* Other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.

REPORT OF INDEPENDENT AUDITORS

To the Valvoline Retirement Committee
and Participants of the Valvoline 401(k) Plan
Lexington, Kentucky

Opinion

We have audited the financial statements of Valvoline 401(k) Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in its net assets available for benefits for the year ended December 31, 2022, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgement made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgement and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.

- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgement, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter—Supplemental Schedule Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule of Schedule H, line 4i, - Schedule of Assets (Held at End of Year) as of December 31, 2022, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the DOL Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the DOL Rules and Regulations for Reporting and Disclosure under ERISA.

Blue & Co., LLC

Lexington, Kentucky
June 28, 2023

Valvoline 401(k) Plan

Statements of Net Assets Available for Benefits

	December 31	
	2022	2021
Assets		
Investments, at fair value	\$ 255,901,511	\$ 540,631,395
Receivables:		
Participant contributions	316,039	363,966
Employer contributions	286,129	320,554
Notes receivable from participants	3,594,062	5,581,804
Securities receivable	93,726	202,509
Total assets	260,191,467	547,100,228
Liabilities		
Securities payable	47,178	203,441
Total liabilities	47,178	203,441
Net assets available for benefits	\$ 260,144,289	\$ 546,896,787

The accompanying [Notes to Financial Statements](#) are an integral part of these Financial Statements.

Valvoline 401(k) Plan

Statement of Changes in Net Assets Available for Benefits

	Year ended December 31, 2022
Additions to net assets attributed to:	
<i>Contributions:</i>	
Participants	\$ 20,818,780
Employer	21,034,955
Rollover	3,149,209
Total contributions	45,002,944
<i>Interest and dividend income</i>	
	1,410,670
<i>Interest income on notes receivable from participants</i>	
	263,060
Total additions	46,676,674
Deductions from net assets attributed to:	
Net depreciation in fair value of investments	(88,916,074)
Benefits paid to participants	(43,960,328)
Administrative expenses	(890,438)
Total deductions	(133,766,840)
Transfers to other benefit plans:	
Transfers to Valvoline Global Operations 401(k) Plan	(197,145,837)
Transfers to U.S. qualified pension plans	(2,516,495)
Total transfers	(199,662,332)
Decrease in net assets	(286,752,498)
Net assets available for benefits	
Beginning of year	546,896,787
End of year	\$ 260,144,289

The accompanying [Notes to Financial Statements](#) are an integral part of these Financial Statements.

Valvoline 401(k) Plan

Notes to Financial Statements

NOTE 1 – DESCRIPTION OF THE PLAN

General

The Valvoline 401(k) Plan (the “Plan”) is a contributory, defined contribution plan established on January 1, 2017 available to substantially all U.S. employees of Valvoline LLC (“Valvoline” or the “Company”). Employees in designated eligible groups may immediately enroll in the Plan, regardless of the amount of Company service. The Plan is designed to qualify under sections 401(a), 401(k), and 401(m) of the Internal Revenue Code of 1986, as amended (“IRC”) and is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”).

Transfers to other benefit plans

Certain participants are given the option to transfer amounts from the Plan to the Company’s U.S. qualified pension plans once they meet retirement age. These transfers are presented in Transfers to U.S. qualified pension plans within the Statement of Changes in Net Assets Available for Benefits.

In July 2022, Valvoline entered into a definitive agreement to sell its Global Products business (“Global Products”). In anticipation of completing the sale, the Company established the Valvoline Global Operations 401(k) Plan for the benefit of Global Products employees that participated in Valvoline 401(k) Plan. In December 2022, applicable participant account balances and related assets with respect to these Global Products employees were transferred to and assumed by the Valvoline Global Operations 401(k) Plan, with the exception of investments in the Valvoline Common Stock Fund which remained in the Plan as of December 31, 2022. The transfers of participant account balances and related assets associated with Global Products employees that occurred during the year ended December 31, 2022 are presented in Transfers to Valvoline Global Operations 401(k) Plan within the Statement of Changes in Net Assets Available for Benefits.

Contributions and funding

All eligible employees of the Company may defer a portion of their eligible compensation by making contributions to the Plan. Participants may elect to contribute up to 65% of their eligible compensation, up to certain IRC limits. Annual contributions per participant for 2022 were limited to \$20,500.

After meeting a one-year minimum service requirement, certain hourly employees are entitled to employer matching equal to 100% of their employee contributions, up to a maximum of five percent of eligible compensation. As soon as administratively feasible after their date of hire, all other participants receive employer matching equal to 100% of their employee contributions, up to a maximum of four percent of eligible compensation. In addition, Valvoline contributes another four percent of eligible compensation as a basic retirement contribution to certain eligible employees.

The Plan also allows eligible employees, aged 50 and older to elect to make additional catch-up contributions, subject to IRC limits. Catch-up contribution amounts are not eligible for employer matching contributions. The annual limit on catch-up contributions was \$6,500 in 2022.

Participants may direct their contributions and employer contributions, which include employer matching and basic retirement contributions, among various investment options, including market index funds, collective trusts, a Company stock fund, money market funds, and self-directed brokerage accounts.

Vesting

Participants are immediately fully vested in employee and employer contributions plus actual earnings on these contributions, and upon termination of employment, participants are entitled to full distributions of these amounts.

Participant accounts

Employee and employer contributions are credited to the participant's account. Investment fund returns are allocated to participant accounts based on the participant's account balance and the earnings or losses generated by the fund during the period it was owned by the participant. A participant is entitled to the participant's account balance including allocated returns.

Employee Stock Ownership Plan

Under the terms of the Plan, the Valvoline Common Stock Fund is an employee stock ownership plan in accordance with IRC Section 4975(e)(7). Participants have the option to receive dividends on their shares of stock held in the Valvoline Common Stock Fund distributed in cash or reinvested within the Valvoline Common Stock Fund.

Notes receivable from participants

Participants may hold one loan effective January 1, 2018 and were permitted to hold up to two loans at any one time in periods prior to this date. Participants may borrow up to a maximum of \$50,000 or 50% of their account balance, whichever is less, reduced by the difference between the highest outstanding loan balance during the twelve months prior to the loan origination and the actual balance on the date of the loan origination. Participant loans are collateralized by the balance in the participant's account and bear a monthly fixed interest rate based on the prime rate in effect on the last business day of the month prior to loan origination plus 1%. Annual interest rates on notes receivable outstanding as of December 31, 2022 range from 4.25% to 9.25%. The term of the loans may be up to five years; however, participants may make early payments, and there are certain loans which were transferred into the Plan under the terms of other benefit plans that continue to be repaid according to the terms of those original loans.

A loan origination fee and annual maintenance fees are deducted from the participant's account. Principal and interest are paid ratably over the term of the loan and are allocated to the investment funds elected for current contributions. The notes receivable balance represents the unpaid principal balance plus accrued but unpaid interest.

Withdrawals and payments of benefits

There are certain restrictions on a participant's right to withdraw contributions and any returns thereon while actively employed by Valvoline based on the source and use of the funds and the participant's age. Participants may withdraw their account balances upon reaching the age of 59½ or upon termination of employment. Upon termination of employment, a participant will receive a lump-sum distribution equal to the value of the participant's account if it is equal to or less than \$1,000 (unless the participant chooses a direct rollover within 30 days). A terminated participant with an account value of more than \$1,000 may elect to receive a direct rollover to another tax-qualified plan or individual retirement account, a lump-sum payment, periodic installment payments, or the participant may leave the benefits within the Plan until the participant reaches the Plan's retirement age. Upon the death of a participant, the participant's beneficiary shall be eligible to receive a distribution of the participant's account.

Plan termination

The Company currently has no plans to terminate the Plan; however, the Company reserves the right to terminate the Plan at any time, subject to the provisions set forth in ERISA.

Risks and uncertainties

The Plan provides for various investment options in securities. Investment securities are exposed to various risks, such as interest rate, market fluctuations and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in risks in the near term could materially affect the values of investment securities, participant account balances, and the amounts reported in the financial statements.

NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES

Basis of presentation

The financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (“U.S. GAAP”).

Use of estimates

The preparation of the financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Investment valuation and income recognition

The Plan’s investments are stated at fair value as disclosed in Note 3. Purchases and sales of securities are recorded on a trade-date basis. Interest is recorded on an accrual basis. Dividends are recorded on the ex-dividend date. The Plan presents net appreciation or depreciation in the fair value of investments within the Statement of Changes in Net Assets Available for Benefits, which consists of the realized and unrealized gains and losses on investments purchased, sold and held during the year.

Payment of benefits

Distributions of benefits are recorded when paid.

Rollover contributions

Participants may elect to rollover balances from other tax-qualified retirement plans into the Plan, which are included in the Rollover caption within contributions in the Statement of Changes in Net Assets Available for Benefits.

Administrative expenses

The costs and expenses of administering the Plan are shared by Valvoline and Plan participants, except loan origination and periodic account maintenance fees, which are paid by participants. Investment management fees are paid to the investment managers from their respective funds.

NOTE 3 – FAIR VALUE MEASUREMENTS

Fair value is the price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. As part of the framework for measuring fair value, the accounting guidance provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three broad levels. The fair value hierarchy gives the highest priority to quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). An instrument’s categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the instrument’s fair value measurement. The three levels within the fair value hierarchy are described as follows:

Level 1 – Observable inputs such as unadjusted quoted prices in active markets for identical assets or liabilities.

Level 2 – Inputs, other than quoted prices included in Level 1, that are observable for the asset or liability, either directly or indirectly. These include quoted prices for similar assets or liabilities in active markets and quoted prices for identical or similar assets or liabilities in markets that are not active.

Level 3 – Unobservable inputs for the asset or liability for which there is little, if any, market activity at the measurement date.

The following table sets forth, by level within the fair value hierarchy, the Plan's investments that are measured at fair value as of December 31:

	2022		2021	
	Level 1	Total	Level 1	Total
Valvoline Common Stock Fund:				
Money market fund	\$ 660,481	\$ 660,481	\$ 840,179	\$ 840,179
Valvoline Inc. common stock	70,324,019	70,324,019	85,969,932	85,969,932
Self-directed brokerage accounts	11,991,970	11,991,970	43,140,292	43,140,292
Total assets in the fair value hierarchy	82,976,470	82,976,470	129,950,403	129,950,403
Collective trust funds ^(a)	—	172,925,041	—	410,680,992
Investments, at fair value	\$ 82,976,470	\$ 255,901,511	\$ 129,950,403	\$ 540,631,395

(a) Collective trust funds that are measured at fair value using the net asset value ("NAV") per share practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented as investments in the Statements of Net Assets Available for Benefits.

The following is a description of the valuation methodologies used for investments measured at fair value:

Valvoline Common Stock Fund

Certain assets of the Plan are invested in employer common stock through a unitized stock fund, which includes Valvoline Inc. common stock and investments in a money market fund for liquidity purposes. Valvoline Inc. common stock is valued based on the underlying shares held by the Plan at the closing quoted price from the active market in which the securities are traded. Money market funds trade in an active market and are valued using quoted market prices.

Self-directed brokerage accounts

Self-directed brokerage accounts allow participants to invest in a broad range of mutual funds and are valued using quoted market prices of the underlying investments in active markets. These accounts may also include uninvested cash recorded at carrying value, which approximates fair value.

Collective trust funds

Collective trust funds represent investments held in pooled funds that are valued based on the NAV provided by the funds as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund, less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust funds, a twelve month notice period for \$12,054,741 invested in the PIMCO Stable Value Fund would be required. There were no other significant redemption restrictions or unfunded commitments on these investments as of December 31, 2022.

NOTE 4 – TRANSACTIONS WITH PARTIES-IN-INTEREST

Related party transactions during the year included investments in Valvoline Inc. common stock and loans made to participants presented in Notes receivable from participants on the Statement of Net Assets Available for Benefits. The Plan held 2,153,875 and 2,305,442 shares of Valvoline Inc. common stock as of December 31, 2022 and 2021, respectively, which had a respective fair value of \$70,324,019 and \$85,969,932. During 2022, the Plan received cash dividends on Valvoline Inc. common stock of \$1,118,579.

Certain investments of the Plan were held in investment funds managed by Fidelity Management Trust Company ("Fidelity"), who also acts as the trustee and recordkeeper of the Plan. Fees of \$602,782 were paid by the Plan to Fidelity in 2022 for investment management.

Certain investments of the Plan were held in investment funds managed by Aon Investments USA, Inc. ("Aon"), who acts as the investment advisor to the Plan. Fees of \$287,656 were paid by the Plan to Aon for investment advice in 2022.

The Company also provides certain administrative and accounting services to the Plan for which it is not compensated.

None of these related party transactions are prohibited transactions as defined under ERISA.

NOTE 5 – RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 as of December 31:

	2022	2021
Net assets available for benefits per financial statements	\$ 260,144,289	\$ 546,896,787
Less certain deemed distributions of participant loans	(366,662)	(429,038)
Net assets available for benefits per Form 5500	<u>\$ 259,777,627</u>	<u>\$ 546,467,749</u>

The following is a reconciliation of the net asset appreciation per the financial statements to the Form 5500 for the year ended December 31, 2022:

Decrease in net assets per the financial statements	\$ (286,752,498)
Less certain deemed distributions of participant loans and related interest	62,376
Total decrease in net assets per Form 5500	<u>\$ (286,690,122)</u>

NOTE 6 – TAX STATUS OF THE PLAN

The Plan received a favorable tax determination letter from the Internal Revenue Service ("IRS") dated August 1, 2018, which states that the Plan is qualified under IRC Section 401(a), and therefore, the related trust is exempt from federal income taxes. Although the Plan that the IRS reviewed in issuing its most recent determination letter was since amended, the Plan administrator believes that the Plan is designed and being operated in compliance with the applicable requirements of the IRC to maintain its qualified status. Accordingly, income taxes are not provided for in the accompanying financial statements.

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. Plan management has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits of the Plan for any tax periods in progress.

NOTE 7 – SUBSEQUENT EVENTS

Sale of Global Products

On January 1, 2023, the Valvoline Global Operations 401(k) Plan became active for employees of Global Products, and the Company completed its sale of the Global Products business on March 1, 2023. Effective upon completion of the sale, Global Products participants in the Plan that with investments in the Valvoline Common Stock Fund were considered terminated participants and had all withdrawal and benefit payment options available that are described in Note 1, including the option to retain the benefits within the Plan.

Modified "Dutch auction" tender offer

On June 13, 2023, Valvoline completed a modified "Dutch auction" tender offer (the "Offer") to acquire issued and outstanding shares of the Company's common stock. Participants in the Plan holding an investment in the Valvoline Common Stock Fund were eligible to participate in the Offer by directing the Plan's trustee as to the number of shares and prices at which to tender such shares. Based on a final purchase price of \$38.00 per share, the Plan's trustee did not tender any shares of the Company's common stock held in the Valvoline Common Stock Fund.

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* Notes receivable from participants		1-6 Years, interest 4.25% - 9.25%	\$ —	\$ 3,594,062

* Indicates parties-in-interest to the Plan

** Cost information is not required for participant-directed investments, and therefore, is not presented

SIGNATURE

THE PLAN. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

VALVOLINE 401(k) PLAN

Date: June 28, 2023

/s/ Eivind Kolemäinen

Chair of the Valvoline Retirement Committee